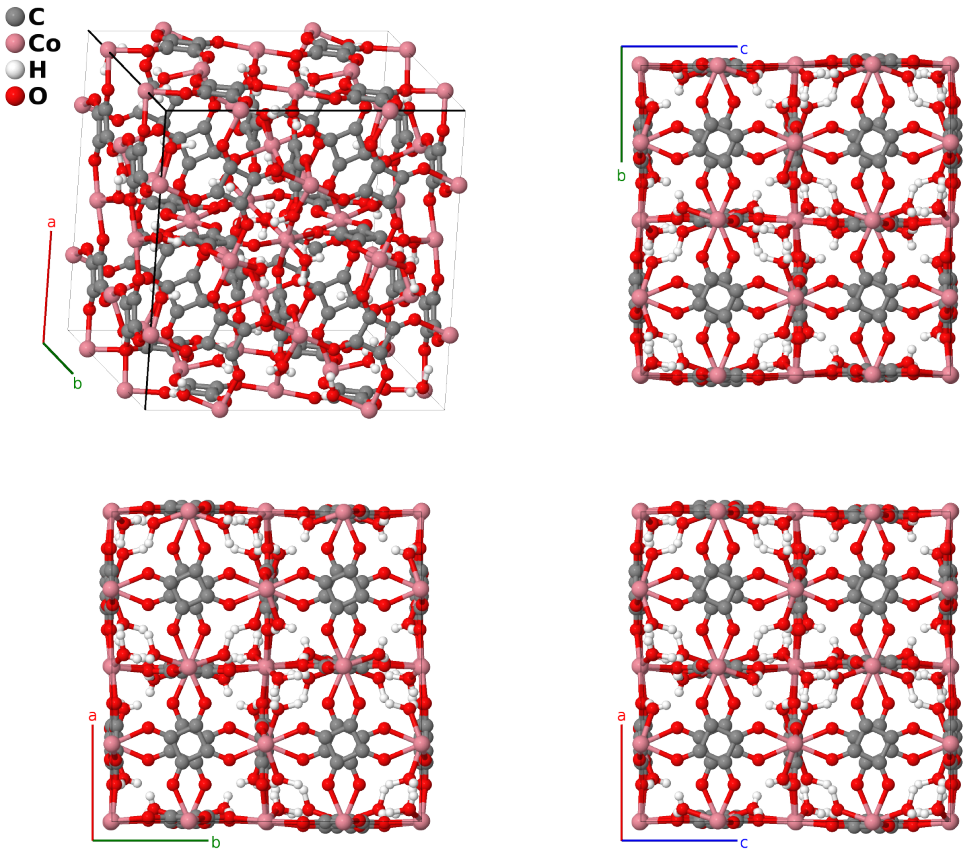
$Co(H_2O)_2(C_4O_4)$ Structure: A4BC4D6_cP360_222_2i_h_2i_3i-001

Cite this page as: H. Eckert, S. Divilov, A. Zettel, M. J. Mehl, D. Hicks, and S. Curtarolo, *The AFLOW Library of Crystallographic Prototypes: Part 4*. In preparation.

---

https://aflow.org/p/7XG8

https://aflow.org/p/A4BC4D6_cP360_222_2i_h_2i_3i-001



Prototype	$C_4CoH_4O_6$
AFLOW prototype label	A4BC4D6_cP360_222_2i_h_2i_3i-001
ICSD	110022
CCDC	187771
Pearson symbol	cP360
Space group number	222
Space group symbol	$Pn\overline{3}n$
AFLOW prototype command	`aflow --proto=A4BC4D6_cP360_222_2i_h_2i_3i-001` `--params=`$a, y_1, x_2, y_2, z_2, x_3, y_3, z_3, x_4, y_4, z_4, x_5, y_5, z_5, x_6, y_6, z_6, x_7, y_7, z_7, x_8, y_8, z_8$

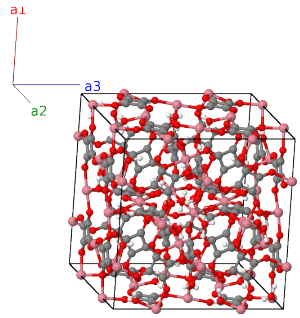
Other compounds with this structure

$Zn(H_2O)_2(C_4O_4)$

- There is no ICSD entry for (Neeraj, 2002). The ICSD entry is from (Naether, 2002).

Simple Cubic primitive vectors

$$\mathbf{a_1} = a\,\hat{\mathbf{x}}$$
$$\mathbf{a_2} = a\,\hat{\mathbf{y}}$$
$$\mathbf{a_3} = a\,\hat{\mathbf{z}}$$



Basis vectors

		Lattice coordinates		Cartesian coordinates	Wyckoff position	Atom type
$\mathbf{B_1}$	=	$\frac{1}{4}\,\mathbf{a}_1 + y_1\,\mathbf{a}_2 + y_1\,\mathbf{a}_3$	=	$\frac{1}{4}a\,\hat{\mathbf{x}} + ay_1\,\hat{\mathbf{y}} + ay_1\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_2}$	=	$\frac{1}{4}\,\mathbf{a}_1 - \left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_2 + y_1\,\mathbf{a}_3$	=	$\frac{1}{4}a\,\hat{\mathbf{x}} - a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + ay_1\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_3}$	=	$\frac{1}{4}\,\mathbf{a}_1 + y_1\,\mathbf{a}_2 - \left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\frac{1}{4}a\,\hat{\mathbf{x}} + ay_1\,\hat{\mathbf{y}} - a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_4}$	=	$\frac{1}{4}\,\mathbf{a}_1 - \left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_2 - \left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\frac{1}{4}a\,\hat{\mathbf{x}} - a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{y}} - a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_5}$	=	$y_1\,\mathbf{a}_1 + \frac{1}{4}\,\mathbf{a}_2 + y_1\,\mathbf{a}_3$	=	$ay_1\,\hat{\mathbf{x}} + \frac{1}{4}a\,\hat{\mathbf{y}} + ay_1\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_6}$	=	$y_1\,\mathbf{a}_1 + \frac{1}{4}\,\mathbf{a}_2 - \left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$ay_1\,\hat{\mathbf{x}} + \frac{1}{4}a\,\hat{\mathbf{y}} - a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_7}$	=	$-\left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_1 + \frac{1}{4}\,\mathbf{a}_2 + y_1\,\mathbf{a}_3$	=	$-a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{x}} + \frac{1}{4}a\,\hat{\mathbf{y}} + ay_1\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_8}$	=	$-\left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_1 + \frac{1}{4}\,\mathbf{a}_2 - \left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{x}} + \frac{1}{4}a\,\hat{\mathbf{y}} - a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_9}$	=	$y_1\,\mathbf{a}_1 + y_1\,\mathbf{a}_2 + \frac{1}{4}\,\mathbf{a}_3$	=	$ay_1\,\hat{\mathbf{x}} + ay_1\,\hat{\mathbf{y}} + \frac{1}{4}a\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{10}}$	=	$-\left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_1 + y_1\,\mathbf{a}_2 + \frac{1}{4}\,\mathbf{a}_3$	=	$-a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{x}} + ay_1\,\hat{\mathbf{y}} + \frac{1}{4}a\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{11}}$	=	$y_1\,\mathbf{a}_1 - \left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_2 + \frac{1}{4}\,\mathbf{a}_3$	=	$ay_1\,\hat{\mathbf{x}} - a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + \frac{1}{4}a\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{12}}$	=	$-\left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_1 - \left(y_1 - \frac{1}{2}\right)\,\mathbf{a}_2 + \frac{1}{4}\,\mathbf{a}_3$	=	$-a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{x}} - a\left(y_1 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + \frac{1}{4}a\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{13}}$	=	$\frac{3}{4}\,\mathbf{a}_1 - y_1\,\mathbf{a}_2 - y_1\,\mathbf{a}_3$	=	$\frac{3}{4}a\,\hat{\mathbf{x}} - ay_1\,\hat{\mathbf{y}} - ay_1\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{14}}$	=	$\frac{3}{4}\,\mathbf{a}_1 + \left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_2 - y_1\,\mathbf{a}_3$	=	$\frac{3}{4}a\,\hat{\mathbf{x}} + a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - ay_1\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{15}}$	=	$\frac{3}{4}\,\mathbf{a}_1 - y_1\,\mathbf{a}_2 + \left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\frac{3}{4}a\,\hat{\mathbf{x}} - ay_1\,\hat{\mathbf{y}} + a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{16}}$	=	$\frac{3}{4}\,\mathbf{a}_1 + \left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_2 + \left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$\frac{3}{4}a\,\hat{\mathbf{x}} + a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{y}} + a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{17}}$	=	$-y_1\,\mathbf{a}_1 + \frac{3}{4}\,\mathbf{a}_2 - y_1\,\mathbf{a}_3$	=	$-ay_1\,\hat{\mathbf{x}} + \frac{3}{4}a\,\hat{\mathbf{y}} - ay_1\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{18}}$	=	$-y_1\,\mathbf{a}_1 + \frac{3}{4}\,\mathbf{a}_2 + \left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$-ay_1\,\hat{\mathbf{x}} + \frac{3}{4}a\,\hat{\mathbf{y}} + a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{19}}$	=	$\left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_1 + \frac{3}{4}\,\mathbf{a}_2 - y_1\,\mathbf{a}_3$	=	$a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{x}} + \frac{3}{4}a\,\hat{\mathbf{y}} - ay_1\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{20}}$	=	$\left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_1 + \frac{3}{4}\,\mathbf{a}_2 + \left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_3$	=	$a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{x}} + \frac{3}{4}a\,\hat{\mathbf{y}} + a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{21}}$	=	$-y_1\,\mathbf{a}_1 - y_1\,\mathbf{a}_2 + \frac{3}{4}\,\mathbf{a}_3$	=	$-ay_1\,\hat{\mathbf{x}} - ay_1\,\hat{\mathbf{y}} + \frac{3}{4}a\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{22}}$	=	$\left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_1 - y_1\,\mathbf{a}_2 + \frac{3}{4}\,\mathbf{a}_3$	=	$a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{x}} - ay_1\,\hat{\mathbf{y}} + \frac{3}{4}a\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{23}}$	=	$-y_1\,\mathbf{a}_1 + \left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_2 + \frac{3}{4}\,\mathbf{a}_3$	=	$-ay_1\,\hat{\mathbf{x}} + a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{y}} + \frac{3}{4}a\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{24}}$	=	$\left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_1 + \left(y_1 + \frac{1}{2}\right)\,\mathbf{a}_2 + \frac{3}{4}\,\mathbf{a}_3$	=	$a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{x}} + a\left(y_1 + \frac{1}{2}\right)\,\hat{\mathbf{y}} + \frac{3}{4}a\,\hat{\mathbf{z}}$	(24h)	Co I
$\mathbf{B_{25}}$	=	$x_2\,\mathbf{a}_1 + y_2\,\mathbf{a}_2 + z_2\,\mathbf{a}_3$	=	$ax_2\,\hat{\mathbf{x}} + ay_2\,\hat{\mathbf{y}} + az_2\,\hat{\mathbf{z}}$	(48i)	C I

$\mathbf{B_{26}}$	$=$	$-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_1-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_2+z_2\,\mathbf{a}_3$	$=$	$-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}+az_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{27}}$	$=$	$-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_1+y_2\,\mathbf{a}_2-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}+ay_2\,\hat{\mathbf{y}}-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{28}}$	$=$	$x_2\,\mathbf{a}_1-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_2-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ax_2\,\hat{\mathbf{x}}-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{29}}$	$=$	$z_2\,\mathbf{a}_1+x_2\,\mathbf{a}_2+y_2\,\mathbf{a}_3$	$=$	$az_2\,\hat{\mathbf{x}}+ax_2\,\hat{\mathbf{y}}+ay_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{30}}$	$=$	$z_2\,\mathbf{a}_1-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_2-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$az_2\,\hat{\mathbf{x}}-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{31}}$	$=$	$-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_1-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_2+y_2\,\mathbf{a}_3$	$=$	$-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}+ay_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{32}}$	$=$	$-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_1+x_2\,\mathbf{a}_2-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}+ax_2\,\hat{\mathbf{y}}-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{33}}$	$=$	$y_2\,\mathbf{a}_1+z_2\,\mathbf{a}_2+x_2\,\mathbf{a}_3$	$=$	$ay_2\,\hat{\mathbf{x}}+az_2\,\hat{\mathbf{y}}+ax_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{34}}$	$=$	$-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_1+z_2\,\mathbf{a}_2-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}+az_2\,\hat{\mathbf{y}}-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{35}}$	$=$	$y_2\,\mathbf{a}_1-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_2-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ay_2\,\hat{\mathbf{x}}-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{36}}$	$=$	$-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_1-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_2+x_2\,\mathbf{a}_3$	$=$	$-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}+ax_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{37}}$	$=$	$y_2\,\mathbf{a}_1+x_2\,\mathbf{a}_2-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ay_2\,\hat{\mathbf{x}}+ax_2\,\hat{\mathbf{y}}-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{38}}$	$=$	$-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_1-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_2-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{39}}$	$=$	$y_2\,\mathbf{a}_1-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_2+z_2\,\mathbf{a}_3$	$=$	$ay_2\,\hat{\mathbf{x}}-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}+az_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{40}}$	$=$	$-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_1+x_2\,\mathbf{a}_2+z_2\,\mathbf{a}_3$	$=$	$-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}+ax_2\,\hat{\mathbf{y}}+az_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{41}}$	$=$	$x_2\,\mathbf{a}_1+z_2\,\mathbf{a}_2-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ax_2\,\hat{\mathbf{x}}+az_2\,\hat{\mathbf{y}}-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{42}}$	$=$	$-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_1+z_2\,\mathbf{a}_2+y_2\,\mathbf{a}_3$	$=$	$-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}+az_2\,\hat{\mathbf{y}}+ay_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{43}}$	$=$	$-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_1-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_2-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{44}}$	$=$	$x_2\,\mathbf{a}_1-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_2+y_2\,\mathbf{a}_3$	$=$	$ax_2\,\hat{\mathbf{x}}-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}+ay_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{45}}$	$=$	$z_2\,\mathbf{a}_1+y_2\,\mathbf{a}_2-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$az_2\,\hat{\mathbf{x}}+ay_2\,\hat{\mathbf{y}}-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{46}}$	$=$	$z_2\,\mathbf{a}_1-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_2+x_2\,\mathbf{a}_3$	$=$	$az_2\,\hat{\mathbf{x}}-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}+ax_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{47}}$	$=$	$-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_1+y_2\,\mathbf{a}_2+x_2\,\mathbf{a}_3$	$=$	$-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}+ay_2\,\hat{\mathbf{y}}+ax_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{48}}$	$=$	$-\left(z_2-\frac{1}{2}\right)\,\mathbf{a}_1-\left(y_2-\frac{1}{2}\right)\,\mathbf{a}_2-\left(x_2-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(z_2-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(y_2-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(x_2-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{49}}$	$=$	$-x_2\,\mathbf{a}_1-y_2\,\mathbf{a}_2-z_2\,\mathbf{a}_3$	$=$	$-ax_2\,\hat{\mathbf{x}}-ay_2\,\hat{\mathbf{y}}-az_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{50}}$	$=$	$\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_1+\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_2-z_2\,\mathbf{a}_3$	$=$	$a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}-az_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{51}}$	$=$	$\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_1-y_2\,\mathbf{a}_2+\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ay_2\,\hat{\mathbf{y}}+a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{52}}$	$=$	$-x_2\,\mathbf{a}_1+\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_2+\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ax_2\,\hat{\mathbf{x}}+a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{53}}$	$=$	$-z_2\,\mathbf{a}_1-x_2\,\mathbf{a}_2-y_2\,\mathbf{a}_3$	$=$	$-az_2\,\hat{\mathbf{x}}-ax_2\,\hat{\mathbf{y}}-ay_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{54}}$	$=$	$-z_2\,\mathbf{a}_1+\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_2+\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-az_2\,\hat{\mathbf{x}}+a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{55}}$	$=$	$\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_1+\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_2-y_2\,\mathbf{a}_3$	$=$	$a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ay_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{56}}$	$=$	$\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_1-x_2\,\mathbf{a}_2+\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ax_2\,\hat{\mathbf{y}}+a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{57}}$	$=$	$-y_2\,\mathbf{a}_1-z_2\,\mathbf{a}_2-x_2\,\mathbf{a}_3$	$=$	$-ay_2\,\hat{\mathbf{x}}-az_2\,\hat{\mathbf{y}}-ax_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{58}}$	$=$	$\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_1-z_2\,\mathbf{a}_2+\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}-az_2\,\hat{\mathbf{y}}+a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I

$\mathbf{B_{59}}$	$=$	$-y_2\,\mathbf{a}_1+\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_2+\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ay_2\,\hat{\mathbf{x}}+a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{60}}$	$=$	$\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_1+\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_2-x_2\,\mathbf{a}_3$	$=$	$a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ax_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{61}}$	$=$	$-y_2\,\mathbf{a}_1-x_2\,\mathbf{a}_2+\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ay_2\,\hat{\mathbf{x}}-ax_2\,\hat{\mathbf{y}}+a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{62}}$	$=$	$\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_1+\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_2+\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{63}}$	$=$	$-y_2\,\mathbf{a}_1+\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_2-z_2\,\mathbf{a}_3$	$=$	$-ay_2\,\hat{\mathbf{x}}+a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}-az_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{64}}$	$=$	$\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_1-x_2\,\mathbf{a}_2-z_2\,\mathbf{a}_3$	$=$	$a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ax_2\,\hat{\mathbf{y}}-az_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{65}}$	$=$	$-x_2\,\mathbf{a}_1-z_2\,\mathbf{a}_2+\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ax_2\,\hat{\mathbf{x}}-az_2\,\hat{\mathbf{y}}+a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{66}}$	$=$	$\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_1-z_2\,\mathbf{a}_2-y_2\,\mathbf{a}_3$	$=$	$a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}-az_2\,\hat{\mathbf{y}}-ay_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{67}}$	$=$	$\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_1+\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_2+\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{68}}$	$=$	$-x_2\,\mathbf{a}_1+\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_2-y_2\,\mathbf{a}_3$	$=$	$-ax_2\,\hat{\mathbf{x}}+a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ay_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{69}}$	$=$	$-z_2\,\mathbf{a}_1-y_2\,\mathbf{a}_2+\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-az_2\,\hat{\mathbf{x}}-ay_2\,\hat{\mathbf{y}}+a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{70}}$	$=$	$-z_2\,\mathbf{a}_1+\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_2-x_2\,\mathbf{a}_3$	$=$	$-az_2\,\hat{\mathbf{x}}+a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ax_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{71}}$	$=$	$\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_1-y_2\,\mathbf{a}_2-x_2\,\mathbf{a}_3$	$=$	$a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ay_2\,\hat{\mathbf{y}}-ax_2\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{72}}$	$=$	$\left(z_2+\frac{1}{2}\right)\,\mathbf{a}_1+\left(y_2+\frac{1}{2}\right)\,\mathbf{a}_2+\left(x_2+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(z_2+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(y_2+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(x_2+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C I
$\mathbf{B_{73}}$	$=$	$x_3\,\mathbf{a}_1+y_3\,\mathbf{a}_2+z_3\,\mathbf{a}_3$	$=$	$ax_3\,\hat{\mathbf{x}}+ay_3\,\hat{\mathbf{y}}+az_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{74}}$	$=$	$-\left(x_3-\frac{1}{2}\right)\,\mathbf{a}_1-\left(y_3-\frac{1}{2}\right)\,\mathbf{a}_2+z_3\,\mathbf{a}_3$	$=$	$-a\left(x_3-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(y_3-\frac{1}{2}\right)\,\hat{\mathbf{y}}+az_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{75}}$	$=$	$-\left(x_3-\frac{1}{2}\right)\,\mathbf{a}_1+y_3\,\mathbf{a}_2-\left(z_3-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(x_3-\frac{1}{2}\right)\,\hat{\mathbf{x}}+ay_3\,\hat{\mathbf{y}}-a\left(z_3-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{76}}$	$=$	$x_3\,\mathbf{a}_1-\left(y_3-\frac{1}{2}\right)\,\mathbf{a}_2-\left(z_3-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ax_3\,\hat{\mathbf{x}}-a\left(y_3-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(z_3-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{77}}$	$=$	$z_3\,\mathbf{a}_1+x_3\,\mathbf{a}_2+y_3\,\mathbf{a}_3$	$=$	$az_3\,\hat{\mathbf{x}}+ax_3\,\hat{\mathbf{y}}+ay_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{78}}$	$=$	$z_3\,\mathbf{a}_1-\left(x_3-\frac{1}{2}\right)\,\mathbf{a}_2-\left(y_3-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$az_3\,\hat{\mathbf{x}}-a\left(x_3-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(y_3-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{79}}$	$=$	$-\left(z_3-\frac{1}{2}\right)\,\mathbf{a}_1-\left(x_3-\frac{1}{2}\right)\,\mathbf{a}_2+y_3\,\mathbf{a}_3$	$=$	$-a\left(z_3-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(x_3-\frac{1}{2}\right)\,\hat{\mathbf{y}}+ay_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{80}}$	$=$	$-\left(z_3-\frac{1}{2}\right)\,\mathbf{a}_1+x_3\,\mathbf{a}_2-\left(y_3-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(z_3-\frac{1}{2}\right)\,\hat{\mathbf{x}}+ax_3\,\hat{\mathbf{y}}-a\left(y_3-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{81}}$	$=$	$y_3\,\mathbf{a}_1+z_3\,\mathbf{a}_2+x_3\,\mathbf{a}_3$	$=$	$ay_3\,\hat{\mathbf{x}}+az_3\,\hat{\mathbf{y}}+ax_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{82}}$	$=$	$-\left(y_3-\frac{1}{2}\right)\,\mathbf{a}_1+z_3\,\mathbf{a}_2-\left(x_3-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(y_3-\frac{1}{2}\right)\,\hat{\mathbf{x}}+az_3\,\hat{\mathbf{y}}-a\left(x_3-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{83}}$	$=$	$y_3\,\mathbf{a}_1-\left(z_3-\frac{1}{2}\right)\,\mathbf{a}_2-\left(x_3-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ay_3\,\hat{\mathbf{x}}-a\left(z_3-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(x_3-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{84}}$	$=$	$-\left(y_3-\frac{1}{2}\right)\,\mathbf{a}_1-\left(z_3-\frac{1}{2}\right)\,\mathbf{a}_2+x_3\,\mathbf{a}_3$	$=$	$-a\left(y_3-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(z_3-\frac{1}{2}\right)\,\hat{\mathbf{y}}+ax_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{85}}$	$=$	$y_3\,\mathbf{a}_1+x_3\,\mathbf{a}_2-\left(z_3-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ay_3\,\hat{\mathbf{x}}+ax_3\,\hat{\mathbf{y}}-a\left(z_3-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{86}}$	$=$	$-\left(y_3-\frac{1}{2}\right)\,\mathbf{a}_1-\left(x_3-\frac{1}{2}\right)\,\mathbf{a}_2-\left(z_3-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(y_3-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(x_3-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(z_3-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{87}}$	$=$	$y_3\,\mathbf{a}_1-\left(x_3-\frac{1}{2}\right)\,\mathbf{a}_2+z_3\,\mathbf{a}_3$	$=$	$ay_3\,\hat{\mathbf{x}}-a\left(x_3-\frac{1}{2}\right)\,\hat{\mathbf{y}}+az_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{88}}$	$=$	$-\left(y_3-\frac{1}{2}\right)\,\mathbf{a}_1+x_3\,\mathbf{a}_2+z_3\,\mathbf{a}_3$	$=$	$-a\left(y_3-\frac{1}{2}\right)\,\hat{\mathbf{x}}+ax_3\,\hat{\mathbf{y}}+az_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{89}}$	$=$	$x_3\,\mathbf{a}_1+z_3\,\mathbf{a}_2-\left(y_3-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ax_3\,\hat{\mathbf{x}}+az_3\,\hat{\mathbf{y}}-a\left(y_3-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{90}}$	$=$	$-\left(x_3-\frac{1}{2}\right)\,\mathbf{a}_1+z_3\,\mathbf{a}_2+y_3\,\mathbf{a}_3$	$=$	$-a\left(x_3-\frac{1}{2}\right)\,\hat{\mathbf{x}}+az_3\,\hat{\mathbf{y}}+ay_3\,\hat{\mathbf{z}}$	(48i)	C II

$\mathbf{B_{91}}$	$=$	$-\left(x_3-\frac{1}{2}\right)\mathbf{a}_1-\left(z_3-\frac{1}{2}\right)\mathbf{a}_2-\left(y_3-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(x_3-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(z_3-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(y_3-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{92}}$	$=$	$x_3\,\mathbf{a}_1-\left(z_3-\frac{1}{2}\right)\mathbf{a}_2+y_3\,\mathbf{a}_3$	$=$	$ax_3\,\hat{\mathbf{x}}-a\left(z_3-\frac{1}{2}\right)\hat{\mathbf{y}}+ay_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{93}}$	$=$	$z_3\,\mathbf{a}_1+y_3\,\mathbf{a}_2-\left(x_3-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$az_3\,\hat{\mathbf{x}}+ay_3\,\hat{\mathbf{y}}-a\left(x_3-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{94}}$	$=$	$z_3\,\mathbf{a}_1-\left(y_3-\frac{1}{2}\right)\mathbf{a}_2+x_3\,\mathbf{a}_3$	$=$	$az_3\,\hat{\mathbf{x}}-a\left(y_3-\frac{1}{2}\right)\hat{\mathbf{y}}+ax_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{95}}$	$=$	$-\left(z_3-\frac{1}{2}\right)\mathbf{a}_1+y_3\,\mathbf{a}_2+x_3\,\mathbf{a}_3$	$=$	$-a\left(z_3-\frac{1}{2}\right)\hat{\mathbf{x}}+ay_3\,\hat{\mathbf{y}}+ax_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{96}}$	$=$	$-\left(z_3-\frac{1}{2}\right)\mathbf{a}_1-\left(y_3-\frac{1}{2}\right)\mathbf{a}_2-\left(x_3-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(z_3-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(y_3-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(x_3-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{97}}$	$=$	$-x_3\,\mathbf{a}_1-y_3\,\mathbf{a}_2-z_3\,\mathbf{a}_3$	$=$	$-ax_3\,\hat{\mathbf{x}}-ay_3\,\hat{\mathbf{y}}-az_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{98}}$	$=$	$\left(x_3+\frac{1}{2}\right)\mathbf{a}_1+\left(y_3+\frac{1}{2}\right)\mathbf{a}_2-z_3\,\mathbf{a}_3$	$=$	$a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{y}}-az_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{99}}$	$=$	$\left(x_3+\frac{1}{2}\right)\mathbf{a}_1-y_3\,\mathbf{a}_2+\left(z_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{x}}-ay_3\,\hat{\mathbf{y}}+a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{100}}$	$=$	$-x_3\,\mathbf{a}_1+\left(y_3+\frac{1}{2}\right)\mathbf{a}_2+\left(z_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ax_3\,\hat{\mathbf{x}}+a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{101}}$	$=$	$-z_3\,\mathbf{a}_1-x_3\,\mathbf{a}_2-y_3\,\mathbf{a}_3$	$=$	$-az_3\,\hat{\mathbf{x}}-ax_3\,\hat{\mathbf{y}}-ay_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{102}}$	$=$	$-z_3\,\mathbf{a}_1+\left(x_3+\frac{1}{2}\right)\mathbf{a}_2+\left(y_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-az_3\,\hat{\mathbf{x}}+a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{103}}$	$=$	$\left(z_3+\frac{1}{2}\right)\mathbf{a}_1+\left(x_3+\frac{1}{2}\right)\mathbf{a}_2-y_3\,\mathbf{a}_3$	$=$	$a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{y}}-ay_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{104}}$	$=$	$\left(z_3+\frac{1}{2}\right)\mathbf{a}_1-x_3\,\mathbf{a}_2+\left(y_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{x}}-ax_3\,\hat{\mathbf{y}}+a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{105}}$	$=$	$-y_3\,\mathbf{a}_1-z_3\,\mathbf{a}_2-x_3\,\mathbf{a}_3$	$=$	$-ay_3\,\hat{\mathbf{x}}-az_3\,\hat{\mathbf{y}}-ax_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{106}}$	$=$	$\left(y_3+\frac{1}{2}\right)\mathbf{a}_1-z_3\,\mathbf{a}_2+\left(x_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{x}}-az_3\,\hat{\mathbf{y}}+a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{107}}$	$=$	$-y_3\,\mathbf{a}_1+\left(z_3+\frac{1}{2}\right)\mathbf{a}_2+\left(x_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ay_3\,\hat{\mathbf{x}}+a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{108}}$	$=$	$\left(y_3+\frac{1}{2}\right)\mathbf{a}_1+\left(z_3+\frac{1}{2}\right)\mathbf{a}_2-x_3\,\mathbf{a}_3$	$=$	$a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{y}}-ax_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{109}}$	$=$	$-y_3\,\mathbf{a}_1-x_3\,\mathbf{a}_2+\left(z_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ay_3\,\hat{\mathbf{x}}-ax_3\,\hat{\mathbf{y}}+a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{110}}$	$=$	$\left(y_3+\frac{1}{2}\right)\mathbf{a}_1+\left(x_3+\frac{1}{2}\right)\mathbf{a}_2+\left(z_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{111}}$	$=$	$-y_3\,\mathbf{a}_1+\left(x_3+\frac{1}{2}\right)\mathbf{a}_2-z_3\,\mathbf{a}_3$	$=$	$-ay_3\,\hat{\mathbf{x}}+a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{y}}-az_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{112}}$	$=$	$\left(y_3+\frac{1}{2}\right)\mathbf{a}_1-x_3\,\mathbf{a}_2-z_3\,\mathbf{a}_3$	$=$	$a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{x}}-ax_3\,\hat{\mathbf{y}}-az_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{113}}$	$=$	$-x_3\,\mathbf{a}_1-z_3\,\mathbf{a}_2+\left(y_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ax_3\,\hat{\mathbf{x}}-az_3\,\hat{\mathbf{y}}+a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{114}}$	$=$	$\left(x_3+\frac{1}{2}\right)\mathbf{a}_1-z_3\,\mathbf{a}_2-y_3\,\mathbf{a}_3$	$=$	$a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{x}}-az_3\,\hat{\mathbf{y}}-ay_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{115}}$	$=$	$\left(x_3+\frac{1}{2}\right)\mathbf{a}_1+\left(z_3+\frac{1}{2}\right)\mathbf{a}_2+\left(y_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{116}}$	$=$	$-x_3\,\mathbf{a}_1+\left(z_3+\frac{1}{2}\right)\mathbf{a}_2-y_3\,\mathbf{a}_3$	$=$	$-ax_3\,\hat{\mathbf{x}}+a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{y}}-ay_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{117}}$	$=$	$-z_3\,\mathbf{a}_1-y_3\,\mathbf{a}_2+\left(x_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-az_3\,\hat{\mathbf{x}}-ay_3\,\hat{\mathbf{y}}+a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{118}}$	$=$	$-z_3\,\mathbf{a}_1+\left(y_3+\frac{1}{2}\right)\mathbf{a}_2-x_3\,\mathbf{a}_3$	$=$	$-az_3\,\hat{\mathbf{x}}+a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{y}}-ax_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{119}}$	$=$	$\left(z_3+\frac{1}{2}\right)\mathbf{a}_1-y_3\,\mathbf{a}_2-x_3\,\mathbf{a}_3$	$=$	$a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{x}}-ay_3\,\hat{\mathbf{y}}-ax_3\,\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{120}}$	$=$	$\left(z_3+\frac{1}{2}\right)\mathbf{a}_1+\left(y_3+\frac{1}{2}\right)\mathbf{a}_2+\left(x_3+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(z_3+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(y_3+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(x_3+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	C II
$\mathbf{B_{121}}$	$=$	$x_4\,\mathbf{a}_1+y_4\,\mathbf{a}_2+z_4\,\mathbf{a}_3$	$=$	$ax_4\,\hat{\mathbf{x}}+ay_4\,\hat{\mathbf{y}}+az_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{122}}$	$=$	$-\left(x_4-\frac{1}{2}\right)\mathbf{a}_1-\left(y_4-\frac{1}{2}\right)\mathbf{a}_2+z_4\,\mathbf{a}_3$	$=$	$-a\left(x_4-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(y_4-\frac{1}{2}\right)\hat{\mathbf{y}}+az_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{123}}$	$=$	$-\left(x_4-\frac{1}{2}\right)\mathbf{a}_1+y_4\,\mathbf{a}_2-\left(z_4-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(x_4-\frac{1}{2}\right)\hat{\mathbf{x}}+ay_4\,\hat{\mathbf{y}}-a\left(z_4-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{124}}$	$=$	$x_4\,\mathbf{a}_1-\left(y_4-\frac{1}{2}\right)\mathbf{a}_2-\left(z_4-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ax_4\,\hat{\mathbf{x}}-a\left(y_4-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(z_4-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H I

$\mathbf{B_{125}} =$	$z_4\,\mathbf{a}_1 + x_4\,\mathbf{a}_2 + y_4\,\mathbf{a}_3$	$=$	$az_4\,\hat{\mathbf{x}} + ax_4\,\hat{\mathbf{y}} + ay_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{126}} =$	$z_4\,\mathbf{a}_1 - \left(x_4 - \frac{1}{2}\right)\,\mathbf{a}_2 - \left(y_4 - \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$az_4\,\hat{\mathbf{x}} - a\left(x_4 - \frac{1}{2}\right)\,\hat{\mathbf{y}} - a\left(y_4 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{127}} =$	$-\left(z_4 - \frac{1}{2}\right)\,\mathbf{a}_1 - \left(x_4 - \frac{1}{2}\right)\,\mathbf{a}_2 + y_4\,\mathbf{a}_3$	$=$	$-a\left(z_4 - \frac{1}{2}\right)\,\hat{\mathbf{x}} - a\left(x_4 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + ay_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{128}} =$	$-\left(z_4 - \frac{1}{2}\right)\,\mathbf{a}_1 + x_4\,\mathbf{a}_2 - \left(y_4 - \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(z_4 - \frac{1}{2}\right)\,\hat{\mathbf{x}} + ax_4\,\hat{\mathbf{y}} - a\left(y_4 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{129}} =$	$y_4\,\mathbf{a}_1 + z_4\,\mathbf{a}_2 + x_4\,\mathbf{a}_3$	$=$	$ay_4\,\hat{\mathbf{x}} + az_4\,\hat{\mathbf{y}} + ax_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{130}} =$	$-\left(y_4 - \frac{1}{2}\right)\,\mathbf{a}_1 + z_4\,\mathbf{a}_2 - \left(x_4 - \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(y_4 - \frac{1}{2}\right)\,\hat{\mathbf{x}} + az_4\,\hat{\mathbf{y}} - a\left(x_4 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{131}} =$	$y_4\,\mathbf{a}_1 - \left(z_4 - \frac{1}{2}\right)\,\mathbf{a}_2 - \left(x_4 - \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ay_4\,\hat{\mathbf{x}} - a\left(z_4 - \frac{1}{2}\right)\,\hat{\mathbf{y}} - a\left(x_4 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{132}} =$	$-\left(y_4 - \frac{1}{2}\right)\,\mathbf{a}_1 - \left(z_4 - \frac{1}{2}\right)\,\mathbf{a}_2 + x_4\,\mathbf{a}_3$	$=$	$-a\left(y_4 - \frac{1}{2}\right)\,\hat{\mathbf{x}} - a\left(z_4 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + ax_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{133}} =$	$y_4\,\mathbf{a}_1 + x_4\,\mathbf{a}_2 - \left(z_4 - \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ay_4\,\hat{\mathbf{x}} + ax_4\,\hat{\mathbf{y}} - a\left(z_4 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{134}} =$	$-\left(y_4 - \frac{1}{2}\right)\,\mathbf{a}_1 - \left(x_4 - \frac{1}{2}\right)\,\mathbf{a}_2 - \left(z_4 - \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(y_4 - \frac{1}{2}\right)\,\hat{\mathbf{x}} - a\left(x_4 - \frac{1}{2}\right)\,\hat{\mathbf{y}} - a\left(z_4 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{135}} =$	$y_4\,\mathbf{a}_1 - \left(x_4 - \frac{1}{2}\right)\,\mathbf{a}_2 + z_4\,\mathbf{a}_3$	$=$	$ay_4\,\hat{\mathbf{x}} - a\left(x_4 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + az_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{136}} =$	$-\left(y_4 - \frac{1}{2}\right)\,\mathbf{a}_1 + x_4\,\mathbf{a}_2 + z_4\,\mathbf{a}_3$	$=$	$-a\left(y_4 - \frac{1}{2}\right)\,\hat{\mathbf{x}} + ax_4\,\hat{\mathbf{y}} + az_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{137}} =$	$x_4\,\mathbf{a}_1 + z_4\,\mathbf{a}_2 - \left(y_4 - \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ax_4\,\hat{\mathbf{x}} + az_4\,\hat{\mathbf{y}} - a\left(y_4 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{138}} =$	$-\left(x_4 - \frac{1}{2}\right)\,\mathbf{a}_1 + z_4\,\mathbf{a}_2 + y_4\,\mathbf{a}_3$	$=$	$-a\left(x_4 - \frac{1}{2}\right)\,\hat{\mathbf{x}} + az_4\,\hat{\mathbf{y}} + ay_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{139}} =$	$-\left(x_4 - \frac{1}{2}\right)\,\mathbf{a}_1 - \left(z_4 - \frac{1}{2}\right)\,\mathbf{a}_2 - \left(y_4 - \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(x_4 - \frac{1}{2}\right)\,\hat{\mathbf{x}} - a\left(z_4 - \frac{1}{2}\right)\,\hat{\mathbf{y}} - a\left(y_4 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{140}} =$	$x_4\,\mathbf{a}_1 - \left(z_4 - \frac{1}{2}\right)\,\mathbf{a}_2 + y_4\,\mathbf{a}_3$	$=$	$ax_4\,\hat{\mathbf{x}} - a\left(z_4 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + ay_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{141}} =$	$z_4\,\mathbf{a}_1 + y_4\,\mathbf{a}_2 - \left(x_4 - \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$az_4\,\hat{\mathbf{x}} + ay_4\,\hat{\mathbf{y}} - a\left(x_4 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{142}} =$	$z_4\,\mathbf{a}_1 - \left(y_4 - \frac{1}{2}\right)\,\mathbf{a}_2 + x_4\,\mathbf{a}_3$	$=$	$az_4\,\hat{\mathbf{x}} - a\left(y_4 - \frac{1}{2}\right)\,\hat{\mathbf{y}} + ax_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{143}} =$	$-\left(z_4 - \frac{1}{2}\right)\,\mathbf{a}_1 + y_4\,\mathbf{a}_2 + x_4\,\mathbf{a}_3$	$=$	$-a\left(z_4 - \frac{1}{2}\right)\,\hat{\mathbf{x}} + ay_4\,\hat{\mathbf{y}} + ax_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{144}} =$	$-\left(z_4 - \frac{1}{2}\right)\,\mathbf{a}_1 - \left(y_4 - \frac{1}{2}\right)\,\mathbf{a}_2 - \left(x_4 - \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(z_4 - \frac{1}{2}\right)\,\hat{\mathbf{x}} - a\left(y_4 - \frac{1}{2}\right)\,\hat{\mathbf{y}} - a\left(x_4 - \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{145}} =$	$-x_4\,\mathbf{a}_1 - y_4\,\mathbf{a}_2 - z_4\,\mathbf{a}_3$	$=$	$-ax_4\,\hat{\mathbf{x}} - ay_4\,\hat{\mathbf{y}} - az_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{146}} =$	$\left(x_4 + \frac{1}{2}\right)\,\mathbf{a}_1 + \left(y_4 + \frac{1}{2}\right)\,\mathbf{a}_2 - z_4\,\mathbf{a}_3$	$=$	$a\left(x_4 + \frac{1}{2}\right)\,\hat{\mathbf{x}} + a\left(y_4 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - az_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{147}} =$	$\left(x_4 + \frac{1}{2}\right)\,\mathbf{a}_1 - y_4\,\mathbf{a}_2 + \left(z_4 + \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(x_4 + \frac{1}{2}\right)\,\hat{\mathbf{x}} - ay_4\,\hat{\mathbf{y}} + a\left(z_4 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{148}} =$	$-x_4\,\mathbf{a}_1 + \left(y_4 + \frac{1}{2}\right)\,\mathbf{a}_2 + \left(z_4 + \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ax_4\,\hat{\mathbf{x}} + a\left(y_4 + \frac{1}{2}\right)\,\hat{\mathbf{y}} + a\left(z_4 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{149}} =$	$-z_4\,\mathbf{a}_1 - x_4\,\mathbf{a}_2 - y_4\,\mathbf{a}_3$	$=$	$-az_4\,\hat{\mathbf{x}} - ax_4\,\hat{\mathbf{y}} - ay_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{150}} =$	$-z_4\,\mathbf{a}_1 + \left(x_4 + \frac{1}{2}\right)\,\mathbf{a}_2 + \left(y_4 + \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-az_4\,\hat{\mathbf{x}} + a\left(x_4 + \frac{1}{2}\right)\,\hat{\mathbf{y}} + a\left(y_4 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{151}} =$	$\left(z_4 + \frac{1}{2}\right)\,\mathbf{a}_1 + \left(x_4 + \frac{1}{2}\right)\,\mathbf{a}_2 - y_4\,\mathbf{a}_3$	$=$	$a\left(z_4 + \frac{1}{2}\right)\,\hat{\mathbf{x}} + a\left(x_4 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - ay_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{152}} =$	$\left(z_4 + \frac{1}{2}\right)\,\mathbf{a}_1 - x_4\,\mathbf{a}_2 + \left(y_4 + \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(z_4 + \frac{1}{2}\right)\,\hat{\mathbf{x}} - ax_4\,\hat{\mathbf{y}} + a\left(y_4 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{153}} =$	$-y_4\,\mathbf{a}_1 - z_4\,\mathbf{a}_2 - x_4\,\mathbf{a}_3$	$=$	$-ay_4\,\hat{\mathbf{x}} - az_4\,\hat{\mathbf{y}} - ax_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{154}} =$	$\left(y_4 + \frac{1}{2}\right)\,\mathbf{a}_1 - z_4\,\mathbf{a}_2 + \left(x_4 + \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(y_4 + \frac{1}{2}\right)\,\hat{\mathbf{x}} - az_4\,\hat{\mathbf{y}} + a\left(x_4 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{155}} =$	$-y_4\,\mathbf{a}_1 + \left(z_4 + \frac{1}{2}\right)\,\mathbf{a}_2 + \left(x_4 + \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ay_4\,\hat{\mathbf{x}} + a\left(z_4 + \frac{1}{2}\right)\,\hat{\mathbf{y}} + a\left(x_4 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{156}} =$	$\left(y_4 + \frac{1}{2}\right)\,\mathbf{a}_1 + \left(z_4 + \frac{1}{2}\right)\,\mathbf{a}_2 - x_4\,\mathbf{a}_3$	$=$	$a\left(y_4 + \frac{1}{2}\right)\,\hat{\mathbf{x}} + a\left(z_4 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - ax_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{157}} =$	$-y_4\,\mathbf{a}_1 - x_4\,\mathbf{a}_2 + \left(z_4 + \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ay_4\,\hat{\mathbf{x}} - ax_4\,\hat{\mathbf{y}} + a\left(z_4 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H I

$\mathbf{B_{158}} =$	$\left(y_4+\frac{1}{2}\right)\mathbf{a}_1+\left(x_4+\frac{1}{2}\right)\mathbf{a}_2+\left(z_4+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(y_4+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(x_4+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(z_4+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{159}} =$	$-y_4\,\mathbf{a}_1+\left(x_4+\frac{1}{2}\right)\mathbf{a}_2-z_4\,\mathbf{a}_3$	$=$	$-ay_4\,\hat{\mathbf{x}}+a\left(x_4+\frac{1}{2}\right)\hat{\mathbf{y}}-az_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{160}} =$	$\left(y_4+\frac{1}{2}\right)\mathbf{a}_1-x_4\,\mathbf{a}_2-z_4\,\mathbf{a}_3$	$=$	$a\left(y_4+\frac{1}{2}\right)\hat{\mathbf{x}}-ax_4\,\hat{\mathbf{y}}-az_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{161}} =$	$-x_4\,\mathbf{a}_1-z_4\,\mathbf{a}_2+\left(y_4+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ax_4\,\hat{\mathbf{x}}-az_4\,\hat{\mathbf{y}}+a\left(y_4+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{162}} =$	$\left(x_4+\frac{1}{2}\right)\mathbf{a}_1-z_4\,\mathbf{a}_2-y_4\,\mathbf{a}_3$	$=$	$a\left(x_4+\frac{1}{2}\right)\hat{\mathbf{x}}-az_4\,\hat{\mathbf{y}}-ay_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{163}} =$	$\left(x_4+\frac{1}{2}\right)\mathbf{a}_1+\left(z_4+\frac{1}{2}\right)\mathbf{a}_2+\left(y_4+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(x_4+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(z_4+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(y_4+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{164}} =$	$-x_4\,\mathbf{a}_1+\left(z_4+\frac{1}{2}\right)\mathbf{a}_2-y_4\,\mathbf{a}_3$	$=$	$-ax_4\,\hat{\mathbf{x}}+a\left(z_4+\frac{1}{2}\right)\hat{\mathbf{y}}-ay_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{165}} =$	$-z_4\,\mathbf{a}_1-y_4\,\mathbf{a}_2+\left(x_4+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-az_4\,\hat{\mathbf{x}}-ay_4\,\hat{\mathbf{y}}+a\left(x_4+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{166}} =$	$-z_4\,\mathbf{a}_1+\left(y_4+\frac{1}{2}\right)\mathbf{a}_2-x_4\,\mathbf{a}_3$	$=$	$-az_4\,\hat{\mathbf{x}}+a\left(y_4+\frac{1}{2}\right)\hat{\mathbf{y}}-ax_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{167}} =$	$\left(z_4+\frac{1}{2}\right)\mathbf{a}_1-y_4\,\mathbf{a}_2-x_4\,\mathbf{a}_3$	$=$	$a\left(z_4+\frac{1}{2}\right)\hat{\mathbf{x}}-ay_4\,\hat{\mathbf{y}}-ax_4\,\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{168}} =$	$\left(z_4+\frac{1}{2}\right)\mathbf{a}_1+\left(y_4+\frac{1}{2}\right)\mathbf{a}_2+\left(x_4+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(z_4+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(y_4+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(x_4+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H I
$\mathbf{B_{169}} =$	$x_5\,\mathbf{a}_1+y_5\,\mathbf{a}_2+z_5\,\mathbf{a}_3$	$=$	$ax_5\,\hat{\mathbf{x}}+ay_5\,\hat{\mathbf{y}}+az_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{170}} =$	$-\left(x_5-\frac{1}{2}\right)\mathbf{a}_1-\left(y_5-\frac{1}{2}\right)\mathbf{a}_2+z_5\,\mathbf{a}_3$	$=$	$-a\left(x_5-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(y_5-\frac{1}{2}\right)\hat{\mathbf{y}}+az_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{171}} =$	$-\left(x_5-\frac{1}{2}\right)\mathbf{a}_1+y_5\,\mathbf{a}_2-\left(z_5-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(x_5-\frac{1}{2}\right)\hat{\mathbf{x}}+ay_5\,\hat{\mathbf{y}}-a\left(z_5-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{172}} =$	$x_5\,\mathbf{a}_1-\left(y_5-\frac{1}{2}\right)\mathbf{a}_2-\left(z_5-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ax_5\,\hat{\mathbf{x}}-a\left(y_5-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(z_5-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{173}} =$	$z_5\,\mathbf{a}_1+x_5\,\mathbf{a}_2+y_5\,\mathbf{a}_3$	$=$	$az_5\,\hat{\mathbf{x}}+ax_5\,\hat{\mathbf{y}}+ay_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{174}} =$	$z_5\,\mathbf{a}_1-\left(x_5-\frac{1}{2}\right)\mathbf{a}_2-\left(y_5-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$az_5\,\hat{\mathbf{x}}-a\left(x_5-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(y_5-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{175}} =$	$-\left(z_5-\frac{1}{2}\right)\mathbf{a}_1-\left(x_5-\frac{1}{2}\right)\mathbf{a}_2+y_5\,\mathbf{a}_3$	$=$	$-a\left(z_5-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(x_5-\frac{1}{2}\right)\hat{\mathbf{y}}+ay_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{176}} =$	$-\left(z_5-\frac{1}{2}\right)\mathbf{a}_1+x_5\,\mathbf{a}_2-\left(y_5-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(z_5-\frac{1}{2}\right)\hat{\mathbf{x}}+ax_5\,\hat{\mathbf{y}}-a\left(y_5-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{177}} =$	$y_5\,\mathbf{a}_1+z_5\,\mathbf{a}_2+x_5\,\mathbf{a}_3$	$=$	$ay_5\,\hat{\mathbf{x}}+az_5\,\hat{\mathbf{y}}+ax_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{178}} =$	$-\left(y_5-\frac{1}{2}\right)\mathbf{a}_1+z_5\,\mathbf{a}_2-\left(x_5-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(y_5-\frac{1}{2}\right)\hat{\mathbf{x}}+az_5\,\hat{\mathbf{y}}-a\left(x_5-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{179}} =$	$y_5\,\mathbf{a}_1-\left(z_5-\frac{1}{2}\right)\mathbf{a}_2-\left(x_5-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ay_5\,\hat{\mathbf{x}}-a\left(z_5-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(x_5-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{180}} =$	$-\left(y_5-\frac{1}{2}\right)\mathbf{a}_1-\left(z_5-\frac{1}{2}\right)\mathbf{a}_2+x_5\,\mathbf{a}_3$	$=$	$-a\left(y_5-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(z_5-\frac{1}{2}\right)\hat{\mathbf{y}}+ax_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{181}} =$	$y_5\,\mathbf{a}_1+x_5\,\mathbf{a}_2-\left(z_5-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ay_5\,\hat{\mathbf{x}}+ax_5\,\hat{\mathbf{y}}-a\left(z_5-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{182}} =$	$-\left(y_5-\frac{1}{2}\right)\mathbf{a}_1-\left(x_5-\frac{1}{2}\right)\mathbf{a}_2-\left(z_5-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(y_5-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(x_5-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(z_5-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{183}} =$	$y_5\,\mathbf{a}_1-\left(x_5-\frac{1}{2}\right)\mathbf{a}_2+z_5\,\mathbf{a}_3$	$=$	$ay_5\,\hat{\mathbf{x}}-a\left(x_5-\frac{1}{2}\right)\hat{\mathbf{y}}+az_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{184}} =$	$-\left(y_5-\frac{1}{2}\right)\mathbf{a}_1+x_5\,\mathbf{a}_2+z_5\,\mathbf{a}_3$	$=$	$-a\left(y_5-\frac{1}{2}\right)\hat{\mathbf{x}}+ax_5\,\hat{\mathbf{y}}+az_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{185}} =$	$x_5\,\mathbf{a}_1+z_5\,\mathbf{a}_2-\left(y_5-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ax_5\,\hat{\mathbf{x}}+az_5\,\hat{\mathbf{y}}-a\left(y_5-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{186}} =$	$-\left(x_5-\frac{1}{2}\right)\mathbf{a}_1+z_5\,\mathbf{a}_2+y_5\,\mathbf{a}_3$	$=$	$-a\left(x_5-\frac{1}{2}\right)\hat{\mathbf{x}}+az_5\,\hat{\mathbf{y}}+ay_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{187}} =$	$-\left(x_5-\frac{1}{2}\right)\mathbf{a}_1-\left(z_5-\frac{1}{2}\right)\mathbf{a}_2-\left(y_5-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(x_5-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(z_5-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(y_5-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{188}} =$	$x_5\,\mathbf{a}_1-\left(z_5-\frac{1}{2}\right)\mathbf{a}_2+y_5\,\mathbf{a}_3$	$=$	$ax_5\,\hat{\mathbf{x}}-a\left(z_5-\frac{1}{2}\right)\hat{\mathbf{y}}+ay_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{189}} =$	$z_5\,\mathbf{a}_1+y_5\,\mathbf{a}_2-\left(x_5-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$az_5\,\hat{\mathbf{x}}+ay_5\,\hat{\mathbf{y}}-a\left(x_5-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{190}} =$	$z_5\,\mathbf{a}_1-\left(y_5-\frac{1}{2}\right)\mathbf{a}_2+x_5\,\mathbf{a}_3$	$=$	$az_5\,\hat{\mathbf{x}}-a\left(y_5-\frac{1}{2}\right)\hat{\mathbf{y}}+ax_5\,\hat{\mathbf{z}}$	(48i)	H II

$\mathbf{B_{191}} =$	$-\left(z_5-\frac{1}{2}\right)\,\mathbf{a}_1+y_5\,\mathbf{a}_2+x_5\,\mathbf{a}_3$	$=$	$-a\left(z_5-\frac{1}{2}\right)\,\hat{\mathbf{x}}+ay_5\,\hat{\mathbf{y}}+ax_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{192}} =$	$-\left(z_5-\frac{1}{2}\right)\,\mathbf{a}_1-\left(y_5-\frac{1}{2}\right)\,\mathbf{a}_2-\left(x_5-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(z_5-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(y_5-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(x_5-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{193}} =$	$-x_5\,\mathbf{a}_1-y_5\,\mathbf{a}_2-z_5\,\mathbf{a}_3$	$=$	$-ax_5\,\hat{\mathbf{x}}-ay_5\,\hat{\mathbf{y}}-az_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{194}} =$	$\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_1+\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_2-z_5\,\mathbf{a}_3$	$=$	$a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}-az_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{195}} =$	$\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_1-y_5\,\mathbf{a}_2+\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ay_5\,\hat{\mathbf{y}}+a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{196}} =$	$-x_5\,\mathbf{a}_1+\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_2+\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ax_5\,\hat{\mathbf{x}}+a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{197}} =$	$-z_5\,\mathbf{a}_1-x_5\,\mathbf{a}_2-y_5\,\mathbf{a}_3$	$=$	$-az_5\,\hat{\mathbf{x}}-ax_5\,\hat{\mathbf{y}}-ay_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{198}} =$	$-z_5\,\mathbf{a}_1+\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_2+\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-az_5\,\hat{\mathbf{x}}+a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{199}} =$	$\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_1+\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_2-y_5\,\mathbf{a}_3$	$=$	$a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ay_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{200}} =$	$\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_1-x_5\,\mathbf{a}_2+\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ax_5\,\hat{\mathbf{y}}+a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{201}} =$	$-y_5\,\mathbf{a}_1-z_5\,\mathbf{a}_2-x_5\,\mathbf{a}_3$	$=$	$-ay_5\,\hat{\mathbf{x}}-az_5\,\hat{\mathbf{y}}-ax_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{202}} =$	$\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_1-z_5\,\mathbf{a}_2+\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}-az_5\,\hat{\mathbf{y}}+a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{203}} =$	$-y_5\,\mathbf{a}_1+\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_2+\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ay_5\,\hat{\mathbf{x}}+a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{204}} =$	$\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_1+\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_2-x_5\,\mathbf{a}_3$	$=$	$a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ax_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{205}} =$	$-y_5\,\mathbf{a}_1-x_5\,\mathbf{a}_2+\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ay_5\,\hat{\mathbf{x}}-ax_5\,\hat{\mathbf{y}}+a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{206}} =$	$\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_1+\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_2+\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{207}} =$	$-y_5\,\mathbf{a}_1+\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_2-z_5\,\mathbf{a}_3$	$=$	$-ay_5\,\hat{\mathbf{x}}+a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}-az_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{208}} =$	$\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_1-x_5\,\mathbf{a}_2-z_5\,\mathbf{a}_3$	$=$	$a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ax_5\,\hat{\mathbf{y}}-az_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{209}} =$	$-x_5\,\mathbf{a}_1-z_5\,\mathbf{a}_2+\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ax_5\,\hat{\mathbf{x}}-az_5\,\hat{\mathbf{y}}+a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{210}} =$	$\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_1-z_5\,\mathbf{a}_2-y_5\,\mathbf{a}_3$	$=$	$a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}-az_5\,\hat{\mathbf{y}}-ay_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{211}} =$	$\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_1+\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_2+\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{212}} =$	$-x_5\,\mathbf{a}_1+\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_2-y_5\,\mathbf{a}_3$	$=$	$-ax_5\,\hat{\mathbf{x}}+a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ay_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{213}} =$	$-z_5\,\mathbf{a}_1-y_5\,\mathbf{a}_2+\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-az_5\,\hat{\mathbf{x}}-ay_5\,\hat{\mathbf{y}}+a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{214}} =$	$-z_5\,\mathbf{a}_1+\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_2-x_5\,\mathbf{a}_3$	$=$	$-az_5\,\hat{\mathbf{x}}+a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ax_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{215}} =$	$\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_1-y_5\,\mathbf{a}_2-x_5\,\mathbf{a}_3$	$=$	$a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ay_5\,\hat{\mathbf{y}}-ax_5\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{216}} =$	$\left(z_5+\frac{1}{2}\right)\,\mathbf{a}_1+\left(y_5+\frac{1}{2}\right)\,\mathbf{a}_2+\left(x_5+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(z_5+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(y_5+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(x_5+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	H II
$\mathbf{B_{217}} =$	$x_6\,\mathbf{a}_1+y_6\,\mathbf{a}_2+z_6\,\mathbf{a}_3$	$=$	$ax_6\,\hat{\mathbf{x}}+ay_6\,\hat{\mathbf{y}}+az_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{218}} =$	$-\left(x_6-\frac{1}{2}\right)\,\mathbf{a}_1-\left(y_6-\frac{1}{2}\right)\,\mathbf{a}_2+z_6\,\mathbf{a}_3$	$=$	$-a\left(x_6-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(y_6-\frac{1}{2}\right)\,\hat{\mathbf{y}}+az_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{219}} =$	$-\left(x_6-\frac{1}{2}\right)\,\mathbf{a}_1+y_6\,\mathbf{a}_2-\left(z_6-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(x_6-\frac{1}{2}\right)\,\hat{\mathbf{x}}+ay_6\,\hat{\mathbf{y}}-a\left(z_6-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{220}} =$	$x_6\,\mathbf{a}_1-\left(y_6-\frac{1}{2}\right)\,\mathbf{a}_2-\left(z_6-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ax_6\,\hat{\mathbf{x}}-a\left(y_6-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(z_6-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{221}} =$	$z_6\,\mathbf{a}_1+x_6\,\mathbf{a}_2+y_6\,\mathbf{a}_3$	$=$	$az_6\,\hat{\mathbf{x}}+ax_6\,\hat{\mathbf{y}}+ay_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{222}} =$	$z_6\,\mathbf{a}_1-\left(x_6-\frac{1}{2}\right)\,\mathbf{a}_2-\left(y_6-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$az_6\,\hat{\mathbf{x}}-a\left(x_6-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(y_6-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{223}} =$	$-\left(z_6-\frac{1}{2}\right)\,\mathbf{a}_1-\left(x_6-\frac{1}{2}\right)\,\mathbf{a}_2+y_6\,\mathbf{a}_3$	$=$	$-a\left(z_6-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(x_6-\frac{1}{2}\right)\,\hat{\mathbf{y}}+ay_6\,\hat{\mathbf{z}}$	(48i)	O I

$\mathbf{B_{224}} =$	$-\left(z_6-\frac{1}{2}\right)\mathbf{a}_1+x_6\,\mathbf{a}_2-\left(y_6-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(z_6-\frac{1}{2}\right)\hat{\mathbf{x}}+ax_6\,\hat{\mathbf{y}}-a\left(y_6-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{225}} =$	$y_6\,\mathbf{a}_1+z_6\,\mathbf{a}_2+x_6\,\mathbf{a}_3$	$=$	$ay_6\,\hat{\mathbf{x}}+az_6\,\hat{\mathbf{y}}+ax_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{226}} =$	$-\left(y_6-\frac{1}{2}\right)\mathbf{a}_1+z_6\,\mathbf{a}_2-\left(x_6-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(y_6-\frac{1}{2}\right)\hat{\mathbf{x}}+az_6\,\hat{\mathbf{y}}-a\left(x_6-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{227}} =$	$y_6\,\mathbf{a}_1-\left(z_6-\frac{1}{2}\right)\mathbf{a}_2-\left(x_6-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ay_6\,\hat{\mathbf{x}}-a\left(z_6-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(x_6-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{228}} =$	$-\left(y_6-\frac{1}{2}\right)\mathbf{a}_1-\left(z_6-\frac{1}{2}\right)\mathbf{a}_2+x_6\,\mathbf{a}_3$	$=$	$-a\left(y_6-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(z_6-\frac{1}{2}\right)\hat{\mathbf{y}}+ax_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{229}} =$	$y_6\,\mathbf{a}_1+x_6\,\mathbf{a}_2-\left(z_6-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ay_6\,\hat{\mathbf{x}}+ax_6\,\hat{\mathbf{y}}-a\left(z_6-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{230}} =$	$-\left(y_6-\frac{1}{2}\right)\mathbf{a}_1-\left(x_6-\frac{1}{2}\right)\mathbf{a}_2-\left(z_6-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(y_6-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(x_6-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(z_6-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{231}} =$	$y_6\,\mathbf{a}_1-\left(x_6-\frac{1}{2}\right)\mathbf{a}_2+z_6\,\mathbf{a}_3$	$=$	$ay_6\,\hat{\mathbf{x}}-a\left(x_6-\frac{1}{2}\right)\hat{\mathbf{y}}+az_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{232}} =$	$-\left(y_6-\frac{1}{2}\right)\mathbf{a}_1+x_6\,\mathbf{a}_2+z_6\,\mathbf{a}_3$	$=$	$-a\left(y_6-\frac{1}{2}\right)\hat{\mathbf{x}}+ax_6\,\hat{\mathbf{y}}+az_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{233}} =$	$x_6\,\mathbf{a}_1+z_6\,\mathbf{a}_2-\left(y_6-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ax_6\,\hat{\mathbf{x}}+az_6\,\hat{\mathbf{y}}-a\left(y_6-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{234}} =$	$-\left(x_6-\frac{1}{2}\right)\mathbf{a}_1+z_6\,\mathbf{a}_2+y_6\,\mathbf{a}_3$	$=$	$-a\left(x_6-\frac{1}{2}\right)\hat{\mathbf{x}}+az_6\,\hat{\mathbf{y}}+ay_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{235}} =$	$-\left(x_6-\frac{1}{2}\right)\mathbf{a}_1-\left(z_6-\frac{1}{2}\right)\mathbf{a}_2-\left(y_6-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(x_6-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(z_6-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(y_6-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{236}} =$	$x_6\,\mathbf{a}_1-\left(z_6-\frac{1}{2}\right)\mathbf{a}_2+y_6\,\mathbf{a}_3$	$=$	$ax_6\,\hat{\mathbf{x}}-a\left(z_6-\frac{1}{2}\right)\hat{\mathbf{y}}+ay_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{237}} =$	$z_6\,\mathbf{a}_1+y_6\,\mathbf{a}_2-\left(x_6-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$az_6\,\hat{\mathbf{x}}+ay_6\,\hat{\mathbf{y}}-a\left(x_6-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{238}} =$	$z_6\,\mathbf{a}_1-\left(y_6-\frac{1}{2}\right)\mathbf{a}_2+x_6\,\mathbf{a}_3$	$=$	$az_6\,\hat{\mathbf{x}}-a\left(y_6-\frac{1}{2}\right)\hat{\mathbf{y}}+ax_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{239}} =$	$-\left(z_6-\frac{1}{2}\right)\mathbf{a}_1+y_6\,\mathbf{a}_2+x_6\,\mathbf{a}_3$	$=$	$-a\left(z_6-\frac{1}{2}\right)\hat{\mathbf{x}}+ay_6\,\hat{\mathbf{y}}+ax_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{240}} =$	$-\left(z_6-\frac{1}{2}\right)\mathbf{a}_1-\left(y_6-\frac{1}{2}\right)\mathbf{a}_2-\left(x_6-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(z_6-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(y_6-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(x_6-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{241}} =$	$-x_6\,\mathbf{a}_1-y_6\,\mathbf{a}_2-z_6\,\mathbf{a}_3$	$=$	$-ax_6\,\hat{\mathbf{x}}-ay_6\,\hat{\mathbf{y}}-az_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{242}} =$	$\left(x_6+\frac{1}{2}\right)\mathbf{a}_1+\left(y_6+\frac{1}{2}\right)\mathbf{a}_2-z_6\,\mathbf{a}_3$	$=$	$a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{y}}-az_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{243}} =$	$\left(x_6+\frac{1}{2}\right)\mathbf{a}_1-y_6\,\mathbf{a}_2+\left(z_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{x}}-ay_6\,\hat{\mathbf{y}}+a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{244}} =$	$-x_6\,\mathbf{a}_1+\left(y_6+\frac{1}{2}\right)\mathbf{a}_2+\left(z_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ax_6\,\hat{\mathbf{x}}+a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{245}} =$	$-z_6\,\mathbf{a}_1-x_6\,\mathbf{a}_2-y_6\,\mathbf{a}_3$	$=$	$-az_6\,\hat{\mathbf{x}}-ax_6\,\hat{\mathbf{y}}-ay_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{246}} =$	$-z_6\,\mathbf{a}_1+\left(x_6+\frac{1}{2}\right)\mathbf{a}_2+\left(y_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-az_6\,\hat{\mathbf{x}}+a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{247}} =$	$\left(z_6+\frac{1}{2}\right)\mathbf{a}_1+\left(x_6+\frac{1}{2}\right)\mathbf{a}_2-y_6\,\mathbf{a}_3$	$=$	$a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{y}}-ay_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{248}} =$	$\left(z_6+\frac{1}{2}\right)\mathbf{a}_1-x_6\,\mathbf{a}_2+\left(y_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{x}}-ax_6\,\hat{\mathbf{y}}+a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{249}} =$	$-y_6\,\mathbf{a}_1-z_6\,\mathbf{a}_2-x_6\,\mathbf{a}_3$	$=$	$-ay_6\,\hat{\mathbf{x}}-az_6\,\hat{\mathbf{y}}-ax_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{250}} =$	$\left(y_6+\frac{1}{2}\right)\mathbf{a}_1-z_6\,\mathbf{a}_2+\left(x_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{x}}-az_6\,\hat{\mathbf{y}}+a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{251}} =$	$-y_6\,\mathbf{a}_1+\left(z_6+\frac{1}{2}\right)\mathbf{a}_2+\left(x_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ay_6\,\hat{\mathbf{x}}+a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{252}} =$	$\left(y_6+\frac{1}{2}\right)\mathbf{a}_1+\left(z_6+\frac{1}{2}\right)\mathbf{a}_2-x_6\,\mathbf{a}_3$	$=$	$a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{y}}-ax_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{253}} =$	$-y_6\,\mathbf{a}_1-x_6\,\mathbf{a}_2+\left(z_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ay_6\,\hat{\mathbf{x}}-ax_6\,\hat{\mathbf{y}}+a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{254}} =$	$\left(y_6+\frac{1}{2}\right)\mathbf{a}_1+\left(x_6+\frac{1}{2}\right)\mathbf{a}_2+\left(z_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{255}} =$	$-y_6\,\mathbf{a}_1+\left(x_6+\frac{1}{2}\right)\mathbf{a}_2-z_6\,\mathbf{a}_3$	$=$	$-ay_6\,\hat{\mathbf{x}}+a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{y}}-az_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{256}} =$	$\left(y_6+\frac{1}{2}\right)\mathbf{a}_1-x_6\,\mathbf{a}_2-z_6\,\mathbf{a}_3$	$=$	$a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{x}}-ax_6\,\hat{\mathbf{y}}-az_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{257}} =$	$-x_6\,\mathbf{a}_1-z_6\,\mathbf{a}_2+\left(y_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ax_6\,\hat{\mathbf{x}}-az_6\,\hat{\mathbf{y}}+a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I

$\mathbf{B_{258}} =$	$\left(x_6+\frac{1}{2}\right)\mathbf{a}_1 - z_6\,\mathbf{a}_2 - y_6\,\mathbf{a}_3$	$=$	$a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{x}} - az_6\,\hat{\mathbf{y}} - ay_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{259}} =$	$\left(x_6+\frac{1}{2}\right)\mathbf{a}_1 + \left(z_6+\frac{1}{2}\right)\mathbf{a}_2 + \left(y_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{x}} + a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{y}} + a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{260}} =$	$-x_6\,\mathbf{a}_1 + \left(z_6+\frac{1}{2}\right)\mathbf{a}_2 - y_6\,\mathbf{a}_3$	$=$	$-ax_6\,\hat{\mathbf{x}} + a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{y}} - ay_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{261}} =$	$-z_6\,\mathbf{a}_1 - y_6\,\mathbf{a}_2 + \left(x_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-az_6\,\hat{\mathbf{x}} - ay_6\,\hat{\mathbf{y}} + a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{262}} =$	$-z_6\,\mathbf{a}_1 + \left(y_6+\frac{1}{2}\right)\mathbf{a}_2 - x_6\,\mathbf{a}_3$	$=$	$-az_6\,\hat{\mathbf{x}} + a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{y}} - ax_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{263}} =$	$\left(z_6+\frac{1}{2}\right)\mathbf{a}_1 - y_6\,\mathbf{a}_2 - x_6\,\mathbf{a}_3$	$=$	$a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{x}} - ay_6\,\hat{\mathbf{y}} - ax_6\,\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{264}} =$	$\left(z_6+\frac{1}{2}\right)\mathbf{a}_1 + \left(y_6+\frac{1}{2}\right)\mathbf{a}_2 + \left(x_6+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(z_6+\frac{1}{2}\right)\hat{\mathbf{x}} + a\left(y_6+\frac{1}{2}\right)\hat{\mathbf{y}} + a\left(x_6+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O I
$\mathbf{B_{265}} =$	$x_7\,\mathbf{a}_1 + y_7\,\mathbf{a}_2 + z_7\,\mathbf{a}_3$	$=$	$ax_7\,\hat{\mathbf{x}} + ay_7\,\hat{\mathbf{y}} + az_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{266}} =$	$-\left(x_7-\frac{1}{2}\right)\mathbf{a}_1 - \left(y_7-\frac{1}{2}\right)\mathbf{a}_2 + z_7\,\mathbf{a}_3$	$=$	$-a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{x}} - a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{y}} + az_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{267}} =$	$-\left(x_7-\frac{1}{2}\right)\mathbf{a}_1 + y_7\,\mathbf{a}_2 - \left(z_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{x}} + ay_7\,\hat{\mathbf{y}} - a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{268}} =$	$x_7\,\mathbf{a}_1 - \left(y_7-\frac{1}{2}\right)\mathbf{a}_2 - \left(z_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ax_7\,\hat{\mathbf{x}} - a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{y}} - a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{269}} =$	$z_7\,\mathbf{a}_1 + x_7\,\mathbf{a}_2 + y_7\,\mathbf{a}_3$	$=$	$az_7\,\hat{\mathbf{x}} + ax_7\,\hat{\mathbf{y}} + ay_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{270}} =$	$z_7\,\mathbf{a}_1 - \left(x_7-\frac{1}{2}\right)\mathbf{a}_2 - \left(y_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$az_7\,\hat{\mathbf{x}} - a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{y}} - a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{271}} =$	$-\left(z_7-\frac{1}{2}\right)\mathbf{a}_1 - \left(x_7-\frac{1}{2}\right)\mathbf{a}_2 + y_7\,\mathbf{a}_3$	$=$	$-a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{x}} - a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{y}} + ay_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{272}} =$	$-\left(z_7-\frac{1}{2}\right)\mathbf{a}_1 + x_7\,\mathbf{a}_2 - \left(y_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{x}} + ax_7\,\hat{\mathbf{y}} - a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{273}} =$	$y_7\,\mathbf{a}_1 + z_7\,\mathbf{a}_2 + x_7\,\mathbf{a}_3$	$=$	$ay_7\,\hat{\mathbf{x}} + az_7\,\hat{\mathbf{y}} + ax_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{274}} =$	$-\left(y_7-\frac{1}{2}\right)\mathbf{a}_1 + z_7\,\mathbf{a}_2 - \left(x_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{x}} + az_7\,\hat{\mathbf{y}} - a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{275}} =$	$y_7\,\mathbf{a}_1 - \left(z_7-\frac{1}{2}\right)\mathbf{a}_2 - \left(x_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ay_7\,\hat{\mathbf{x}} - a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{y}} - a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{276}} =$	$-\left(y_7-\frac{1}{2}\right)\mathbf{a}_1 - \left(z_7-\frac{1}{2}\right)\mathbf{a}_2 + x_7\,\mathbf{a}_3$	$=$	$-a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{x}} - a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{y}} + ax_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{277}} =$	$y_7\,\mathbf{a}_1 + x_7\,\mathbf{a}_2 - \left(z_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ay_7\,\hat{\mathbf{x}} + ax_7\,\hat{\mathbf{y}} - a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{278}} =$	$-\left(y_7-\frac{1}{2}\right)\mathbf{a}_1 - \left(x_7-\frac{1}{2}\right)\mathbf{a}_2 - \left(z_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{x}} - a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{y}} - a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{279}} =$	$y_7\,\mathbf{a}_1 - \left(x_7-\frac{1}{2}\right)\mathbf{a}_2 + z_7\,\mathbf{a}_3$	$=$	$ay_7\,\hat{\mathbf{x}} - a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{y}} + az_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{280}} =$	$-\left(y_7-\frac{1}{2}\right)\mathbf{a}_1 + x_7\,\mathbf{a}_2 + z_7\,\mathbf{a}_3$	$=$	$-a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{x}} + ax_7\,\hat{\mathbf{y}} + az_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{281}} =$	$x_7\,\mathbf{a}_1 + z_7\,\mathbf{a}_2 - \left(y_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ax_7\,\hat{\mathbf{x}} + az_7\,\hat{\mathbf{y}} - a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{282}} =$	$-\left(x_7-\frac{1}{2}\right)\mathbf{a}_1 + z_7\,\mathbf{a}_2 + y_7\,\mathbf{a}_3$	$=$	$-a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{x}} + az_7\,\hat{\mathbf{y}} + ay_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{283}} =$	$-\left(x_7-\frac{1}{2}\right)\mathbf{a}_1 - \left(z_7-\frac{1}{2}\right)\mathbf{a}_2 - \left(y_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{x}} - a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{y}} - a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{284}} =$	$x_7\,\mathbf{a}_1 - \left(z_7-\frac{1}{2}\right)\mathbf{a}_2 + y_7\,\mathbf{a}_3$	$=$	$ax_7\,\hat{\mathbf{x}} - a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{y}} + ay_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{285}} =$	$z_7\,\mathbf{a}_1 + y_7\,\mathbf{a}_2 - \left(x_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$az_7\,\hat{\mathbf{x}} + ay_7\,\hat{\mathbf{y}} - a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{286}} =$	$z_7\,\mathbf{a}_1 - \left(y_7-\frac{1}{2}\right)\mathbf{a}_2 + x_7\,\mathbf{a}_3$	$=$	$az_7\,\hat{\mathbf{x}} - a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{y}} + ax_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{287}} =$	$-\left(z_7-\frac{1}{2}\right)\mathbf{a}_1 + y_7\,\mathbf{a}_2 + x_7\,\mathbf{a}_3$	$=$	$-a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{x}} + ay_7\,\hat{\mathbf{y}} + ax_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{288}} =$	$-\left(z_7-\frac{1}{2}\right)\mathbf{a}_1 - \left(y_7-\frac{1}{2}\right)\mathbf{a}_2 - \left(x_7-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(z_7-\frac{1}{2}\right)\hat{\mathbf{x}} - a\left(y_7-\frac{1}{2}\right)\hat{\mathbf{y}} - a\left(x_7-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{289}} =$	$-x_7\,\mathbf{a}_1 - y_7\,\mathbf{a}_2 - z_7\,\mathbf{a}_3$	$=$	$-ax_7\,\hat{\mathbf{x}} - ay_7\,\hat{\mathbf{y}} - az_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{290}} =$	$\left(x_7+\frac{1}{2}\right)\mathbf{a}_1 + \left(y_7+\frac{1}{2}\right)\mathbf{a}_2 - z_7\,\mathbf{a}_3$	$=$	$a\left(x_7+\frac{1}{2}\right)\hat{\mathbf{x}} + a\left(y_7+\frac{1}{2}\right)\hat{\mathbf{y}} - az_7\,\hat{\mathbf{z}}$	(48i)	O II

$\mathbf{B_{291}} =$	$\left(x_7+\frac{1}{2}\right)\,\mathbf{a}_1-y_7\,\mathbf{a}_2+\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(x_7+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ay_7\,\hat{\mathbf{y}}+a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{292}} =$	$-x_7\,\mathbf{a}_1+\left(y_7+\frac{1}{2}\right)\,\mathbf{a}_2+\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ax_7\,\hat{\mathbf{x}}+a\left(y_7+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{293}} =$	$-z_7\,\mathbf{a}_1-x_7\,\mathbf{a}_2-y_7\,\mathbf{a}_3$	$=$	$-az_7\,\hat{\mathbf{x}}-ax_7\,\hat{\mathbf{y}}-ay_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{294}} =$	$-z_7\,\mathbf{a}_1+\left(x_7+\frac{1}{2}\right)\,\mathbf{a}_2+\left(y_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-az_7\,\hat{\mathbf{x}}+a\left(x_7+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(y_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{295}} =$	$\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_1+\left(x_7+\frac{1}{2}\right)\,\mathbf{a}_2-y_7\,\mathbf{a}_3$	$=$	$a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(x_7+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ay_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{296}} =$	$\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_1-x_7\,\mathbf{a}_2+\left(y_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ax_7\,\hat{\mathbf{y}}+a\left(y_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{297}} =$	$-y_7\,\mathbf{a}_1-z_7\,\mathbf{a}_2-x_7\,\mathbf{a}_3$	$=$	$-ay_7\,\hat{\mathbf{x}}-az_7\,\hat{\mathbf{y}}-ax_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{298}} =$	$\left(y_7+\frac{1}{2}\right)\,\mathbf{a}_1-z_7\,\mathbf{a}_2+\left(x_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(y_7+\frac{1}{2}\right)\,\hat{\mathbf{x}}-az_7\,\hat{\mathbf{y}}+a\left(x_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{299}} =$	$-y_7\,\mathbf{a}_1+\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_2+\left(x_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ay_7\,\hat{\mathbf{x}}+a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(x_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{300}} =$	$\left(y_7+\frac{1}{2}\right)\,\mathbf{a}_1+\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_2-x_7\,\mathbf{a}_3$	$=$	$a\left(y_7+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ax_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{301}} =$	$-y_7\,\mathbf{a}_1-x_7\,\mathbf{a}_2+\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ay_7\,\hat{\mathbf{x}}-ax_7\,\hat{\mathbf{y}}+a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{302}} =$	$\left(y_7+\frac{1}{2}\right)\,\mathbf{a}_1+\left(x_7+\frac{1}{2}\right)\,\mathbf{a}_2+\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(y_7+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(x_7+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{303}} =$	$-y_7\,\mathbf{a}_1+\left(x_7+\frac{1}{2}\right)\,\mathbf{a}_2-z_7\,\mathbf{a}_3$	$=$	$-ay_7\,\hat{\mathbf{x}}+a\left(x_7+\frac{1}{2}\right)\,\hat{\mathbf{y}}-az_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{304}} =$	$\left(y_7+\frac{1}{2}\right)\,\mathbf{a}_1-x_7\,\mathbf{a}_2-z_7\,\mathbf{a}_3$	$=$	$a\left(y_7+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ax_7\,\hat{\mathbf{y}}-az_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{305}} =$	$-x_7\,\mathbf{a}_1-z_7\,\mathbf{a}_2+\left(y_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-ax_7\,\hat{\mathbf{x}}-az_7\,\hat{\mathbf{y}}+a\left(y_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{306}} =$	$\left(x_7+\frac{1}{2}\right)\,\mathbf{a}_1-z_7\,\mathbf{a}_2-y_7\,\mathbf{a}_3$	$=$	$a\left(x_7+\frac{1}{2}\right)\,\hat{\mathbf{x}}-az_7\,\hat{\mathbf{y}}-ay_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{307}} =$	$\left(x_7+\frac{1}{2}\right)\,\mathbf{a}_1+\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_2+\left(y_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(x_7+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(y_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{308}} =$	$-x_7\,\mathbf{a}_1+\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_2-y_7\,\mathbf{a}_3$	$=$	$-ax_7\,\hat{\mathbf{x}}+a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ay_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{309}} =$	$-z_7\,\mathbf{a}_1-y_7\,\mathbf{a}_2+\left(x_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-az_7\,\hat{\mathbf{x}}-ay_7\,\hat{\mathbf{y}}+a\left(x_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{310}} =$	$-z_7\,\mathbf{a}_1+\left(y_7+\frac{1}{2}\right)\,\mathbf{a}_2-x_7\,\mathbf{a}_3$	$=$	$-az_7\,\hat{\mathbf{x}}+a\left(y_7+\frac{1}{2}\right)\,\hat{\mathbf{y}}-ax_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{311}} =$	$\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_1-y_7\,\mathbf{a}_2-x_7\,\mathbf{a}_3$	$=$	$a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{x}}-ay_7\,\hat{\mathbf{y}}-ax_7\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{312}} =$	$\left(z_7+\frac{1}{2}\right)\,\mathbf{a}_1+\left(y_7+\frac{1}{2}\right)\,\mathbf{a}_2+\left(x_7+\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(z_7+\frac{1}{2}\right)\,\hat{\mathbf{x}}+a\left(y_7+\frac{1}{2}\right)\,\hat{\mathbf{y}}+a\left(x_7+\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O II
$\mathbf{B_{313}} =$	$x_8\,\mathbf{a}_1+y_8\,\mathbf{a}_2+z_8\,\mathbf{a}_3$	$=$	$ax_8\,\hat{\mathbf{x}}+ay_8\,\hat{\mathbf{y}}+az_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{314}} =$	$-\left(x_8-\frac{1}{2}\right)\,\mathbf{a}_1-\left(y_8-\frac{1}{2}\right)\,\mathbf{a}_2+z_8\,\mathbf{a}_3$	$=$	$-a\left(x_8-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(y_8-\frac{1}{2}\right)\,\hat{\mathbf{y}}+az_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{315}} =$	$-\left(x_8-\frac{1}{2}\right)\,\mathbf{a}_1+y_8\,\mathbf{a}_2-\left(z_8-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(x_8-\frac{1}{2}\right)\,\hat{\mathbf{x}}+ay_8\,\hat{\mathbf{y}}-a\left(z_8-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{316}} =$	$x_8\,\mathbf{a}_1-\left(y_8-\frac{1}{2}\right)\,\mathbf{a}_2-\left(z_8-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ax_8\,\hat{\mathbf{x}}-a\left(y_8-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(z_8-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{317}} =$	$z_8\,\mathbf{a}_1+x_8\,\mathbf{a}_2+y_8\,\mathbf{a}_3$	$=$	$az_8\,\hat{\mathbf{x}}+ax_8\,\hat{\mathbf{y}}+ay_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{318}} =$	$z_8\,\mathbf{a}_1-\left(x_8-\frac{1}{2}\right)\,\mathbf{a}_2-\left(y_8-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$az_8\,\hat{\mathbf{x}}-a\left(x_8-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(y_8-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{319}} =$	$-\left(z_8-\frac{1}{2}\right)\,\mathbf{a}_1-\left(x_8-\frac{1}{2}\right)\,\mathbf{a}_2+y_8\,\mathbf{a}_3$	$=$	$-a\left(z_8-\frac{1}{2}\right)\,\hat{\mathbf{x}}-a\left(x_8-\frac{1}{2}\right)\,\hat{\mathbf{y}}+ay_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{320}} =$	$-\left(z_8-\frac{1}{2}\right)\,\mathbf{a}_1+x_8\,\mathbf{a}_2-\left(y_8-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(z_8-\frac{1}{2}\right)\,\hat{\mathbf{x}}+ax_8\,\hat{\mathbf{y}}-a\left(y_8-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{321}} =$	$y_8\,\mathbf{a}_1+z_8\,\mathbf{a}_2+x_8\,\mathbf{a}_3$	$=$	$ay_8\,\hat{\mathbf{x}}+az_8\,\hat{\mathbf{y}}+ax_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{322}} =$	$-\left(y_8-\frac{1}{2}\right)\,\mathbf{a}_1+z_8\,\mathbf{a}_2-\left(x_8-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$-a\left(y_8-\frac{1}{2}\right)\,\hat{\mathbf{x}}+az_8\,\hat{\mathbf{y}}-a\left(x_8-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{323}} =$	$y_8\,\mathbf{a}_1-\left(z_8-\frac{1}{2}\right)\,\mathbf{a}_2-\left(x_8-\frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$ay_8\,\hat{\mathbf{x}}-a\left(z_8-\frac{1}{2}\right)\,\hat{\mathbf{y}}-a\left(x_8-\frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O III

$\mathbf{B_{324}} =$	$-\left(y_8-\frac{1}{2}\right)\mathbf{a}_1-\left(z_8-\frac{1}{2}\right)\mathbf{a}_2+x_8\,\mathbf{a}_3$	$=$	$-a\left(y_8-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(z_8-\frac{1}{2}\right)\hat{\mathbf{y}}+ax_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{325}} =$	$y_8\,\mathbf{a}_1+x_8\,\mathbf{a}_2-\left(z_8-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ay_8\,\hat{\mathbf{x}}+ax_8\,\hat{\mathbf{y}}-a\left(z_8-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{326}} =$	$-\left(y_8-\frac{1}{2}\right)\mathbf{a}_1-\left(x_8-\frac{1}{2}\right)\mathbf{a}_2-\left(z_8-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(y_8-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(x_8-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(z_8-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{327}} =$	$y_8\,\mathbf{a}_1-\left(x_8-\frac{1}{2}\right)\mathbf{a}_2+z_8\,\mathbf{a}_3$	$=$	$ay_8\,\hat{\mathbf{x}}-a\left(x_8-\frac{1}{2}\right)\hat{\mathbf{y}}+az_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{328}} =$	$-\left(y_8-\frac{1}{2}\right)\mathbf{a}_1+x_8\,\mathbf{a}_2+z_8\,\mathbf{a}_3$	$=$	$-a\left(y_8-\frac{1}{2}\right)\hat{\mathbf{x}}+ax_8\,\hat{\mathbf{y}}+az_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{329}} =$	$x_8\,\mathbf{a}_1+z_8\,\mathbf{a}_2-\left(y_8-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$ax_8\,\hat{\mathbf{x}}+az_8\,\hat{\mathbf{y}}-a\left(y_8-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{330}} =$	$-\left(x_8-\frac{1}{2}\right)\mathbf{a}_1+z_8\,\mathbf{a}_2+y_8\,\mathbf{a}_3$	$=$	$-a\left(x_8-\frac{1}{2}\right)\hat{\mathbf{x}}+az_8\,\hat{\mathbf{y}}+ay_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{331}} =$	$-\left(x_8-\frac{1}{2}\right)\mathbf{a}_1-\left(z_8-\frac{1}{2}\right)\mathbf{a}_2-\left(y_8-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(x_8-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(z_8-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(y_8-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{332}} =$	$x_8\,\mathbf{a}_1-\left(z_8-\frac{1}{2}\right)\mathbf{a}_2+y_8\,\mathbf{a}_3$	$=$	$ax_8\,\hat{\mathbf{x}}-a\left(z_8-\frac{1}{2}\right)\hat{\mathbf{y}}+ay_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{333}} =$	$z_8\,\mathbf{a}_1+y_8\,\mathbf{a}_2-\left(x_8-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$az_8\,\hat{\mathbf{x}}+ay_8\,\hat{\mathbf{y}}-a\left(x_8-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{334}} =$	$z_8\,\mathbf{a}_1-\left(y_8-\frac{1}{2}\right)\mathbf{a}_2+x_8\,\mathbf{a}_3$	$=$	$az_8\,\hat{\mathbf{x}}-a\left(y_8-\frac{1}{2}\right)\hat{\mathbf{y}}+ax_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{335}} =$	$-\left(z_8-\frac{1}{2}\right)\mathbf{a}_1+y_8\,\mathbf{a}_2+x_8\,\mathbf{a}_3$	$=$	$-a\left(z_8-\frac{1}{2}\right)\hat{\mathbf{x}}+ay_8\,\hat{\mathbf{y}}+ax_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{336}} =$	$-\left(z_8-\frac{1}{2}\right)\mathbf{a}_1-\left(y_8-\frac{1}{2}\right)\mathbf{a}_2-\left(x_8-\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-a\left(z_8-\frac{1}{2}\right)\hat{\mathbf{x}}-a\left(y_8-\frac{1}{2}\right)\hat{\mathbf{y}}-a\left(x_8-\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{337}} =$	$-x_8\,\mathbf{a}_1-y_8\,\mathbf{a}_2-z_8\,\mathbf{a}_3$	$=$	$-ax_8\,\hat{\mathbf{x}}-ay_8\,\hat{\mathbf{y}}-az_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{338}} =$	$\left(x_8+\frac{1}{2}\right)\mathbf{a}_1+\left(y_8+\frac{1}{2}\right)\mathbf{a}_2-z_8\,\mathbf{a}_3$	$=$	$a\left(x_8+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(y_8+\frac{1}{2}\right)\hat{\mathbf{y}}-az_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{339}} =$	$\left(x_8+\frac{1}{2}\right)\mathbf{a}_1-y_8\,\mathbf{a}_2+\left(z_8+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(x_8+\frac{1}{2}\right)\hat{\mathbf{x}}-ay_8\,\hat{\mathbf{y}}+a\left(z_8+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{340}} =$	$-x_8\,\mathbf{a}_1+\left(y_8+\frac{1}{2}\right)\mathbf{a}_2+\left(z_8+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ax_8\,\hat{\mathbf{x}}+a\left(y_8+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(z_8+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{341}} =$	$-z_8\,\mathbf{a}_1-x_8\,\mathbf{a}_2-y_8\,\mathbf{a}_3$	$=$	$-az_8\,\hat{\mathbf{x}}-ax_8\,\hat{\mathbf{y}}-ay_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{342}} =$	$-z_8\,\mathbf{a}_1+\left(x_8+\frac{1}{2}\right)\mathbf{a}_2+\left(y_8+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-az_8\,\hat{\mathbf{x}}+a\left(x_8+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(y_8+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{343}} =$	$\left(z_8+\frac{1}{2}\right)\mathbf{a}_1+\left(x_8+\frac{1}{2}\right)\mathbf{a}_2-y_8\,\mathbf{a}_3$	$=$	$a\left(z_8+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(x_8+\frac{1}{2}\right)\hat{\mathbf{y}}-ay_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{344}} =$	$\left(z_8+\frac{1}{2}\right)\mathbf{a}_1-x_8\,\mathbf{a}_2+\left(y_8+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(z_8+\frac{1}{2}\right)\hat{\mathbf{x}}-ax_8\,\hat{\mathbf{y}}+a\left(y_8+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{345}} =$	$-y_8\,\mathbf{a}_1-z_8\,\mathbf{a}_2-x_8\,\mathbf{a}_3$	$=$	$-ay_8\,\hat{\mathbf{x}}-az_8\,\hat{\mathbf{y}}-ax_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{346}} =$	$\left(y_8+\frac{1}{2}\right)\mathbf{a}_1-z_8\,\mathbf{a}_2+\left(x_8+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(y_8+\frac{1}{2}\right)\hat{\mathbf{x}}-az_8\,\hat{\mathbf{y}}+a\left(x_8+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{347}} =$	$-y_8\,\mathbf{a}_1+\left(z_8+\frac{1}{2}\right)\mathbf{a}_2+\left(x_8+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ay_8\,\hat{\mathbf{x}}+a\left(z_8+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(x_8+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{348}} =$	$\left(y_8+\frac{1}{2}\right)\mathbf{a}_1+\left(z_8+\frac{1}{2}\right)\mathbf{a}_2-x_8\,\mathbf{a}_3$	$=$	$a\left(y_8+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(z_8+\frac{1}{2}\right)\hat{\mathbf{y}}-ax_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{349}} =$	$-y_8\,\mathbf{a}_1-x_8\,\mathbf{a}_2+\left(z_8+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ay_8\,\hat{\mathbf{x}}-ax_8\,\hat{\mathbf{y}}+a\left(z_8+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{350}} =$	$\left(y_8+\frac{1}{2}\right)\mathbf{a}_1+\left(x_8+\frac{1}{2}\right)\mathbf{a}_2+\left(z_8+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(y_8+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(x_8+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(z_8+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{351}} =$	$-y_8\,\mathbf{a}_1+\left(x_8+\frac{1}{2}\right)\mathbf{a}_2-z_8\,\mathbf{a}_3$	$=$	$-ay_8\,\hat{\mathbf{x}}+a\left(x_8+\frac{1}{2}\right)\hat{\mathbf{y}}-az_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{352}} =$	$\left(y_8+\frac{1}{2}\right)\mathbf{a}_1-x_8\,\mathbf{a}_2-z_8\,\mathbf{a}_3$	$=$	$a\left(y_8+\frac{1}{2}\right)\hat{\mathbf{x}}-ax_8\,\hat{\mathbf{y}}-az_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{353}} =$	$-x_8\,\mathbf{a}_1-z_8\,\mathbf{a}_2+\left(y_8+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-ax_8\,\hat{\mathbf{x}}-az_8\,\hat{\mathbf{y}}+a\left(y_8+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{354}} =$	$\left(x_8+\frac{1}{2}\right)\mathbf{a}_1-z_8\,\mathbf{a}_2-y_8\,\mathbf{a}_3$	$=$	$a\left(x_8+\frac{1}{2}\right)\hat{\mathbf{x}}-az_8\,\hat{\mathbf{y}}-ay_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{355}} =$	$\left(x_8+\frac{1}{2}\right)\mathbf{a}_1+\left(z_8+\frac{1}{2}\right)\mathbf{a}_2+\left(y_8+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$a\left(x_8+\frac{1}{2}\right)\hat{\mathbf{x}}+a\left(z_8+\frac{1}{2}\right)\hat{\mathbf{y}}+a\left(y_8+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{356}} =$	$-x_8\,\mathbf{a}_1+\left(z_8+\frac{1}{2}\right)\mathbf{a}_2-y_8\,\mathbf{a}_3$	$=$	$-ax_8\,\hat{\mathbf{x}}+a\left(z_8+\frac{1}{2}\right)\hat{\mathbf{y}}-ay_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{357}} =$	$-z_8\,\mathbf{a}_1-y_8\,\mathbf{a}_2+\left(x_8+\frac{1}{2}\right)\mathbf{a}_3$	$=$	$-az_8\,\hat{\mathbf{x}}-ay_8\,\hat{\mathbf{y}}+a\left(x_8+\frac{1}{2}\right)\hat{\mathbf{z}}$	(48i)	O III

$\mathbf{B_{358}} =$	$-z_8\,\mathbf{a}_1 + \left(y_8 + \frac{1}{2}\right)\,\mathbf{a}_2 - x_8\,\mathbf{a}_3$	$=$	$-az_8\,\hat{\mathbf{x}} + a\left(y_8 + \frac{1}{2}\right)\,\hat{\mathbf{y}} - ax_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{359}} =$	$\left(z_8 + \frac{1}{2}\right)\,\mathbf{a}_1 - y_8\,\mathbf{a}_2 - x_8\,\mathbf{a}_3$	$=$	$a\left(z_8 + \frac{1}{2}\right)\,\hat{\mathbf{x}} - ay_8\,\hat{\mathbf{y}} - ax_8\,\hat{\mathbf{z}}$	(48i)	O III
$\mathbf{B_{360}} =$	$\left(z_8 + \frac{1}{2}\right)\,\mathbf{a}_1 + \left(y_8 + \frac{1}{2}\right)\,\mathbf{a}_2 + \left(x_8 + \frac{1}{2}\right)\,\mathbf{a}_3$	$=$	$a\left(z_8 + \frac{1}{2}\right)\,\hat{\mathbf{x}} + a\left(y_8 + \frac{1}{2}\right)\,\hat{\mathbf{y}} + a\left(x_8 + \frac{1}{2}\right)\,\hat{\mathbf{z}}$	(48i)	O III

References

[1] S. Neeraj, M. L. Noy, C. N. R. Rao, and A. K. Cheetham, *Sodalite networks formed by metal squarates*, Solid State Sci. **4**, 1231–1236 (2002), doi:10.1016/S1293-2558(02)00003-1.

[2] C. Näther, J. Greve, and I. Jeß, *Poly[diaqua(μ4-squarato-O,O',O",O"')iron(II)]*, Acta Crystallogr. Sect. E **58**, m507–m509 (2002), doi:10.1107/S1600536802015647.

Found in

[1] F. Hoffmann, *The Fascination of Crystals and Symmetry* (2015). 230 – The Space Group List Project.